

IN THE CLAIMS:

Please cancel Claims 3, 4, 9, 26, 27 and 32 without prejudice or disclaimer of subject matter and amend the claims as shown below. The claims, as pending in the application, read as follows:

1. (Currently Amended) A communication apparatus for communicating  
transmitting electronic mail data by connecting to the Internet, the apparatus comprising:

designation means for designating a destination address;

determination means for determining a format of image data in  
correspondence with the designated destination address by referring to a database, in a case  
where transmission of the electronic mail data with the image data attached thereto is  
performed;

communication means for performing communication with a destination  
device to obtain functional information of the format of the image data, in a case where the  
functional information of the format of the image data in correspondence with the  
designated destination address is not stored in the database, before the transmission of the  
electronic mail data is performed; **and**

converting means for converting the image data into the format determined  
by said determination means in a case where the functional information of the format of the  
image data is stored in the database, for converting the image data into the format based on  
the functional information obtained by said communication means in a case where the  
functional information of the format of the image data has been obtained in the  
communication performed by said communication means, and for converting the image

data into a baseline format which the destination device is able to process in a case where the functional information of the format of the image data is not obtained in the communication performed by the communication means; and

transmission means for transmitting the electronic mail data with the image data which is converted by said converting means into the format determined by said determination means or the format based on the functional information obtained by said communication means.

2. (Currently Amended) A communication apparatus comprising:

designation means for designating a destination address;

first connecting means for connecting to a local area network and second connecting means for connecting to a wide area network;

first communicating means for communicating electronic mail data by connecting to the Internet by one of said first and second connecting means;

second communicating means for performing facsimile communication by connecting to the wide area network by said second connecting means;

determination means for determining a format of image data in correspondence with the designated destination address by referring to a database, in a case where transmission of the electronic mail data with the image data attached thereto is performed;

control means for controlling said first communication means so as to perform communication with a destination device to obtain functional information of the format of the image data, in a case where the functional information of the format of the

image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic mail data is performed; and

converting means for converting the image data into the format determined by said determination means in a case where the functional information of the format of the image data is stored in the database, for converting the image data into the format based on the functional information obtained by said control means in a case where the functional information of the format of the image data has been obtained in the communication controlled by said control means, and for converting the image data into a baseline format which the destination device is able to process in a case where the functional information of the format of the image data is not obtained in the communication controlled by the control means; and

transmission means for transmitting the electronic mail data with the image data which is converted by said converting means ~~into the format determined by said determination means or the format based on the functional information obtained by said control means.~~

3. and 4. (Canceled)

5. (Previously Presented) The apparatus according to claim 2, wherein if an error occurs in the transmission of image data by said transmission means, retransmission is performed by selecting a number of times of retransmission from a plurality of individually preset number of times of retransmission including zero, in accordance with contents of the error.

6. (Previously Presented) The apparatus according to claim 5, wherein no retransmission is performed if the contents of the error indicate that there is no destination address.

7. (Previously Presented) The apparatus according to claim 2, wherein if an error occurs in the transmission of image data by said transmission means, electronic mail data describing information concerning error information is transmitted to said destination device or a previously designated electronic mail address.

8. (Previously Presented) The apparatus according to claim 7, wherein if an error occurs in the transmission of the image data by said transmission means, electronic mail data having the image data attached is transmitted to a previously designated electronic mail address.

9. (Canceled)

10. (Currently Amended) The apparatus according to claim [[9]] 2, wherein the baseline image data format standard is an MH coding system considered to be essential of functional information defined by ITU-T T.30, by which a resolution in a main scan direction is 8 pels/mm, a resolution in a sub-scan direction is 3.85 lines/mm, and an original width is 208 mm of A4 size.

11. (Currently Amended) The apparatus according to claim 2, wherein if connection to said first communicating means is a dial-up connection, communication of

the functional information[[,]] and the transmission of image data[[,]] ~~and communication concerning delivery confirmation~~ are successively performed by a single call.

12. (Currently Amended) The apparatus according to claim 2, wherein if connection to said first communicating means is a dial-up connection, communication of the functional information[[,]] and the transmission of image data[[,]] ~~and communication concerning delivery confirmation~~ are separately performed by at least two calls.

13. (Currently Amended) The apparatus according to claim 2, wherein if connection to said first communicating means is a dial-up connection, communication of the functional information[[,]] and the transmission of image data[[,]] ~~and communication concerning delivery confirmation~~ are successively performed by a single call or separately performed by different calls.

14. (Previously Presented) The apparatus according to claim 11, wherein if connection to said first communicating means is a dial-up connection, a line is once disconnected to wait for timeout processing in communication.

15. (Previously Presented) The apparatus according to claim 11, wherein if connection to said first communicating means is a dial-up connection, a line is once disconnected to wait for timeout processing in communication, and timeout is selectively verified by recall.

16. (Previously Presented) The apparatus according to claim 2, wherein functional information of a destination apparatus is acquired by communication using one of said first and second communicating means, a database for holding a maximum capability supported by each function is registered or updated, and, if said first communicating means is to communicate data, the data is converted into a standard registered in said database and communicated.

17. (Previously Presented) The apparatus according to claim 16, wherein whether image data pertaining to said database is to be converted is set for each function item registered in said database.

18. (Previously Presented) The apparatus according to claim 16, wherein if an address of another party with respect to said first communicating means is input, display information related to functional information is switched on an operation panel based on information in said database.

19. (Previously Presented) The apparatus according to claim 2, wherein if a communication error occurs in said first communicating means, said second communicating means communicates image data if communication by said second communicating means is designated and a telephone number of another party is set.

20. (Previously Presented) The apparatus according to claim 2, further comprising means for acquiring function identification information of a transmission

destination by looking up a database stored in connection with functional information in an electronic mail server connected by a dial-up connection.

21. (Previously Presented) The apparatus according to claim 2, wherein when said first communicating means is to perform communication of the functional information, of pieces of functional information defined by ITU-T T.30, functional information pertaining to communication such as a handshake rate, a modem rate, a minimum transmission time, the presence/absence of error correction mode, and the presence/absence of G4 function need not be exchanged.

22. to 24. (Canceled)

25. (Currently Amended) A computer-readable storage medium storing a program for causing a computer to execute a program comprising the steps of:

a designation procedure of designating a destination address;

a first connecting procedure of connecting to a local area network and a second connecting procedure of connecting to a wide area network;

a first communication procedure of communicating electronic mail data to the destination address by connecting to the Internet by one of the first or second connecting procedures;

a second communication procedure of performing facsimile communication by connecting to [[a]] the wide area network by the second connecting procedure;

a determination procedure of determining a format of image data corresponding to the designated destination address by referring to a database, in a case

where transmission of the electronic mail data with the image data attached thereto is performed;

a control procedure of controlling the first communication procedure [[of]]  
to obtaining functional information of the format of the image by communicating with a destination device by the first communicating procedure, in a case where the functional information of the format of the image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic email data is performed; **and**

a converting procedure of converting the image data into the format determined by said determination procedure in a case where the functional information of the format of the image data is stored in the database, converting the image data into the format based on the functional information obtained by said control procedure in a case where the functional information of the format of the image data has been obtained in the communication performed by said first communication procedure, and for converting the image data into a baseline format which the destination device is able to process in a case where the functional information of the format of the image data is not obtained in the communication performed by the control procedure; and

a transmission procedure of transmitting the electronic mail data with the image data which is converted by the converting procedure into the format determined by said determination procedure or the format based on the functional information obtained by said communication procedure to obtain the functional information.

26. and 27. (Canceled)



28. (Previously Presented) The storage medium according to claim 25, further comprising performing retransmission, if an error occurs in the transmission of image data by said transmission procedure, by selecting a number of times of retransmission from a plurality of numbers of times of retransmission including zero, which are individually set in advance, in accordance with the contents of the error.

29. (Previously Presented) The storage medium according to claim 28, further comprising performing no retransmission if the contents of the error indicate that there is no destination address.

30. (Previously Presented) The storage medium according to claim 25, further comprising transmitting, if an error occurs in the transmission of image data by said transmission procedure, electronic mail data describing information concerning error information to said destination device or to a previously designated electronic mail address.

31. (Previously Presented) The storage medium according to claim 30, further comprising transmitting, if an error occurs in the transmission of the image data by said transmission procedure, electronic mail data having the image data attached to a previously designated electronic mail address.

32. (Canceled)

33. (Currently Amended) The storage medium according to claim [[32]] 25, further comprising performing communication such that the baseline image format

standard is an MH coding system considered to be essential of functional information defined by ITU-T T.30, by which a resolution in a main scan direction is 8 gels/mm, a resolution in a sub-scan direction is 3.85 lines/mm, and an original width is 208 mm of A4 size.

34. (Currently Amended) The storage medium according to claim 25, further comprising successively performing communication of the functional information[[.]] and the transmission of image data[[.]] ~~and communication concerning delivery confirmation~~ by a single call, if connection by said first communication procedure is a dial-up connection.

35. (Currently Amended) The storage medium according to claim 25, further comprising separately performing communication of the functional information[[.]] and the transmission of image data[[.]] ~~and communication concerning delivery confirmation~~ by at least two calls, if connection by said first communication procedure is a dial-up connection.

36. (Currently Amended) The storage medium according to claim 25, further comprising successively performing or separately performing communication of the functional information[[.]] and the transmission of image data[[.]] ~~and communication concerning delivery confirmation~~ by a single call or by different calls, if connection by said first communication procedure is a dial-up connection.

37. (Previously Presented) The storage medium according to claim 34, further comprising once disconnecting a line to wait for timeout processing in communication, if connection by said first communication procedure is a dial-up connection.

38. (Previously Presented) The storage medium according to claim 34, further comprising once disconnecting a line to wait for timeout processing in communication and selectively verifying the timeout by recall, if connection by said first communication procedure is a dial-up connection.

39. (Previously Presented) The storage medium according to claim 25, further comprising acquiring functional information of a destination apparatus by communication using one of said first and second communication procedures, registering or updating a database for holding a maximum capability supported by each function, and, if communication is to be performed by said first communication procedure, converting an image standard designated by a user into a standard registered in said database on the basis of information of said database, and communicating the image.

40. (Previously Presented) The storage medium according to claim 39, further comprising setting whether image data pertaining to said database is to be converted for each function item registered in said database.

41. (Previously Presented) The storage medium according to claim 39, further comprising switching a display on an operation panel related to functional

information based on information in said database, if an address of another party is input in said first communication procedure.

42. (Previously Presented) The storage medium according to claim 25, communicating image data by said second communication procedure, if a communication error occurs in said first communication procedure and if communication by said second communication procedure is designated and a telephone number of another party is set.

43. (Previously Presented) The storage medium according to claim 25, further comprising acquiring function identification information of a transmission destination by looking up a database stored in connection with functional information in an electronic mail server connected by a dial-up connection.

44. (Previously Presented) The storage medium according to claim 25, wherein, when communication of the functional information is to be performed by said first communication procedure, not exchanging, of pieces of functional information defined by ITU-T T.30, functional information pertaining to communication such as a handshake rate, a modem rate, a minimum transmission time, the presence/absence of error correction mode, and the presence/absence of G4 function.

45. to 50. (Canceled)

51. (Currently Amended) A communication method of communicating electronic mail data to a destination address by connecting to the Internet, the method comprising:

a designation step of designating a destination address;

a determination step of determining a format of image data corresponding to the designated destination address by referring to a database, in a case where transmission of the electronic mail data with image data attached thereto is to be performed;

a communication step of performing communication with a destination device to obtain functional information of the format of image data, in a case where the functional information of the format of the image data in correspondence with the designated destination address is not stored in the database, before the transmission of the electronic mail data is performed; ~~and~~

a converting step of converting the image data into the format determined by said determination step in a case where the functional information of the format of the image data is stored in the database, converting the image data into the format based on the functional information obtained by said communication step in a case where the functional information of the format of the image data has been obtained in the communication performed by said communication step, and converting the image data into a baseline format which the destination device is able to process in a case where the functional information of the format of the image data is not obtained in the communication performed by the communication step; and

a transmission step of transmitting the electronic mail data with the image data which is converted by the converting step into the format determined by said

determination step or the format based on the functional information obtained by said communication step.

52. (Currently Amended) A communication system for communication of electronic mail data by a plurality of communication apparatuses connected to the Internet, comprising:

designating means for designating a destination apparatus;

determination means for determining a format of image data corresponding to the designated destination apparatus by referring to a database in a case where transmission of the electronic mail data with image data attached thereto is to be performed between the plurality of communication apparatuses;

communication means for performing communication with the destination apparatus to obtain functional information of the format of image data, in a case where the functional information of the format of the image data in correspondence with the designated destination apparatus is not stored in the database, before the transmission of the electronic mail data is performed; and

converting means for converting the image data into the format determined by said determination means in a case where the functional information of the format of the image data is stored in the database, for converting the image data into the format based on the functional information obtained by said communication means in a case where the functional information of the format of the image data has been obtained in the communication performed by said communication means, and for converting the image data into a baseline format which the destination device is able to process in a case where

the functional information of the format of the image data is not obtained in the communication performed by the communication means; and

transmitting means for transmitting the electronic mail data with the image data which is converted by the converting means into the format determined by said means for determining or the format based on the functional information obtained by said means for performing communication.

53. to 100. (Canceled)

101. (Previously Presented) The apparatus according to claim 1, wherein the functional information is information indicating at least one of a coding system, resolution, and original length.

102. (Previously Presented) The apparatus according to claim 2, wherein the functional information is information indicating at least one of a coding system, resolution, and original length.

103. to 105. (Canceled)

106. (Currently Amended) The apparatus storage medium according to claim 25, wherein the functional information is information indicating at least one of a coding system, resolution, and original length.

107. to 111. (Canceled)

112. (Previously Presented) The method according to claim 51, wherein the functional information is information indicating at least one of a coding system, resolution, and original length.

113. (Previously Presented) The system according to claim 52, wherein the functional information is information indicating at least one of a coding system, resolution, and original length.